COMPARISON OF KYRIAZIS AND ANTICANCER MODELS WITH CLINICAL PATTERN OF METASTASIS

Tumor Type	Cell Line	Kyriazis (19)	AntiCancer MetaMouse	Clinical Pattern of Metastasis
Bladder (Transitional cell carcinoma)	RT-4	No metastasis	Liver, pancreas, diaphragm, omentum, iliac lymph nodes, superficial inguinal lymph nodes, gastric lymph nodes (1).	Regional lymph nodes, liver, lung, pancreas, diaphragm, spleen (2, Chapter 107).
Bladder (Transitional cell carcinoma)	RT-10		Liver, lung, pancreas, spleen, diaphragm, lymph nodes (21).	
Bladder (Transitional cell carcinoma)	SW-800	Submaxillary lymph node, salivary gland, diaphragm		
Bladder (Transitional cell carcinoma)	SW-780	Pectoral and intercostal muscles, mediastinal lymph nodes.		
Bladder (Mucinous adenocarcinoma)	13678	Inconsistent finding		

Exhibit 2 RMH

Exhibit A

COMPARISON OF KYRIAZIS AND ANTICANCER MODELS WITH CLINICAL PATTERN OF METASTASIS

Tumor Type	Cell Line	Kyriazis (19)	AntiCancer MetaMouse	Clinical Pattern of Metastasis
Colon	SW-480 (Well differentiated adenocarcinoma)	Lymph node and lungs		Liver, mesenteric lymph nodes, omentum, peritoneum, lung, abdominal wall, disseminated carcinomatosis (2, Chapter 103).
Colon	Co-3 (Well differentiated adenocarcinoma)		Liver, peritoneum, mesenteric lymph nodes, lung, omentum, abdominal wall, ileum (6-8).	
Colon	AC-1935 (Moderately differentiated adenocarcinoma)		Liver, peritoneum, mesenteric lymph nodes, lung, abdominal wall (9).	
Colon	COL-2-JCK (Poorly differentiated adenocarcinoma)		Liver (10,11).	
Colon	COL-3-JCK (Poorly differentiated adenocarcinoma)		Liver (11). Mesenteric lymph nodes (7).	
Colon	COL-5-JCK (Well differentiated adenocarcinoma)		Liver (11).	
Colon	Patient colon cancer specimens		Liver, lymph nodes, local invasion, disseminated carcinomatosis (12).	

COMPARISON OF KYRIAZIS AND ANTICANCER MODELS WITH CLINICAL PATTERN OF METASTASIS

Tumor Type	Cell Line	Kyriazis (19)	AntiCancer MetaMouse	Clinical Pattern of Metastasis
Pancreas	(Mia)PaCa (Well differentiated adenocarcinoma)	Axillary lymph nodes, lung.	Liver, spleen, portal lymph nodes, stomach, mediastinum, lung, retroperitoneum (13, 16, 20).	Liver, spleen, portal lymph nodes, colon, stomach, mediastinum, lung, kidney, retroperitoneum, diaphragm, small intestine (2, Chapter 101).
Pancreas	Capan-1	Lymph nodes, lung.		
Pancreas	Patient specimens		Liver, stomach, duodenum, regional lymph nodes, adrenal gland, diaphragm, mediastinal lymph nodes (14).	
Pancreas	Panc-4		Liver, peritoneal, duodenum (15).	
Pancreas	BxPC-3		Portal lymph nodes, retroperitoneum, spleen, liver, diaphragm, small intestine, colon, liver, kidney, mediastinum, lung, omentum (13, 16,20).	
Pancreas	Pan-12-JCK		Liver, kidney, regional and distant lymph nodes, lung, adrenal gland (17,18).	

COMPARISON OF KYRIAZIS AND ANTICANCER MODELS WITH CLINICAL PATTERN OF METASTASIS

Tumor Type	Cell Line	Kyriazis (19)	AntiCancer MetaMouse	Clinical Pattern of Metastasis
Breast	BrCa	Lymph nodes		Axillary lymph nodes, lung, liver, bone (2, Chapter 118).
Breast	MDA-MB-435		Axillary lymph nodes, lung, liver (3). Bone (4).	
Breast	AC-2468 (Patient breast cancer specimen)		Lung (5).	

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COMPARISON OF OTTO AND ANTICANCER MODELS WITH CLINICAL PATTERN OF METASTASIS

Tumor Type	Cell Line	Otto (1)	AntiCancer MetaMouse	Clinical Pattern of Metastasis
Renal cell carcinoma	RCC 7 RCC 9 RCC 14	No metastasis.		Lung, lymph nodes, liver,and brain (3, Chapter 1057).
	SN12C		Lung, lymph nodes, liver.	

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Exhibit 3 RMH